



THE HANFORD SITE

Budget Overview for Fiscal Year 2021

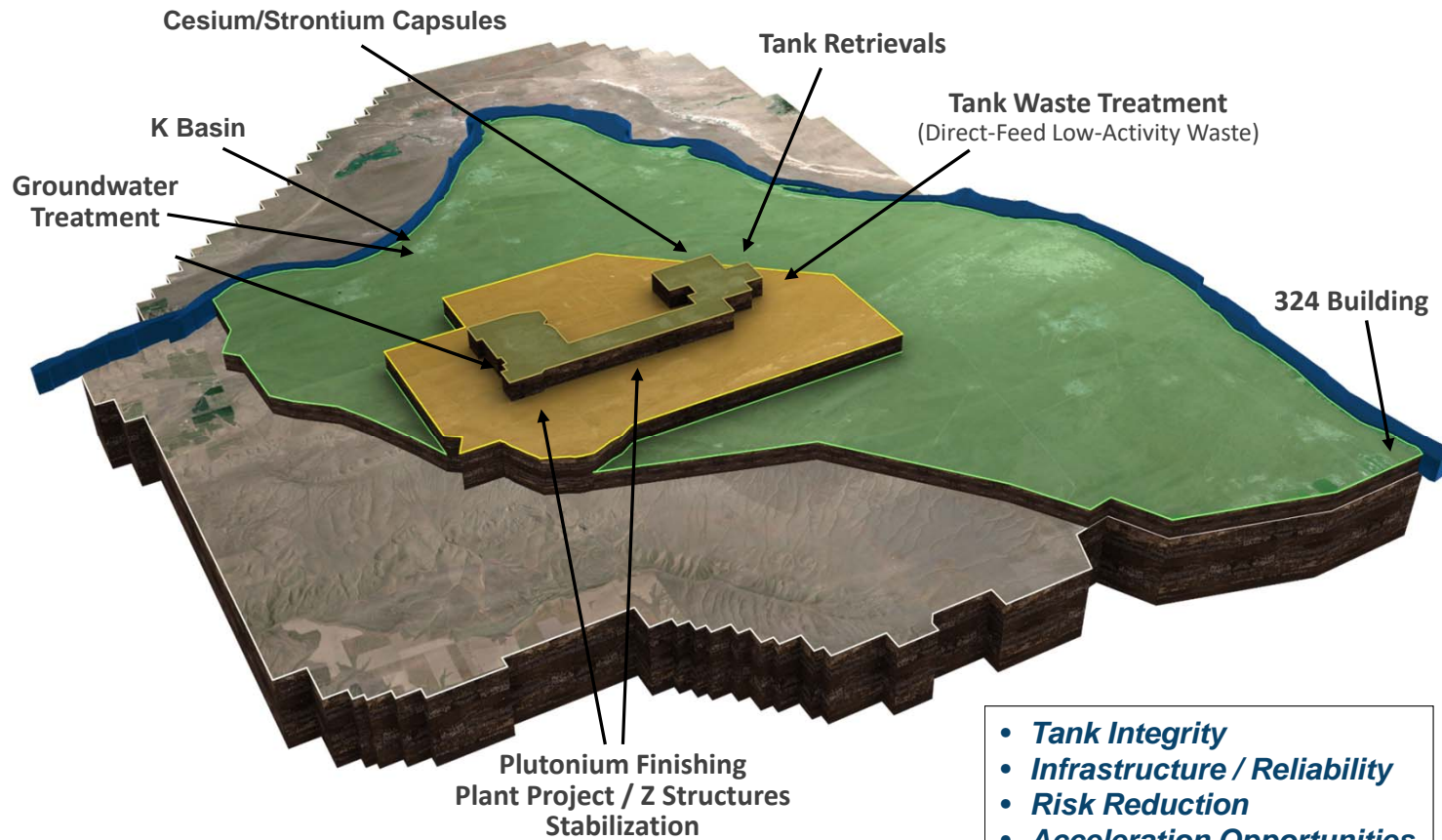
TPA Commitment 149.F

February 10, 2021

- DOE FY21 Enacted / Planned Work
 - Richland Operations Office
 - Office of River Protection
- Questions



Hanford Site Overview



- *Tank Integrity*
- *Infrastructure / Reliability*
- *Risk Reduction*
- *Acceleration Opportunities*

- Safe and secure operations
- Tank waste management, treatment, and disposition
- Environmental risk reduction



RL Budget Profile

(\$ in Thousands)

PBS	PBS Title	FY 2021 Enacted
RL-0011	Nuclear Material Stabilization and Disposition – PFP	17,359
RL-0013C	Solid Waste Stabilization and Disposition	182,340
RL-0030	Soil and Water Remediation – Groundwater / Vadose Zone	116,966
RL-0201	Hanford Sitewide Services	353,335
Central Plateau Remediation		670,000
RL-0040	Nuclear Facility D&D – Reminder of Hanford	101,044
RL-0041	Nuclear Facility D&D – River Corridor Closure Project	131,435
River Corridor and Other Cleanup Operations		232,479
RL-0013C	18-D-404 WESF Modifications and Capsule Storage	15,000
RL-0020	Safeguards and Security	96,300
RL-0042	Nuclear Facility D&D – Fast Flux Test Facility	2,500
RL-0100	Richland Community and Regulatory Support	8,621
Total	Richland Operations Office Funding Summary	1,024,900

Richland (\$1,024M)

- Complete Integrated Disposal Facility Construction
- Complete K West Basin Garnet and Sand Filter Removal
- Complete stabilization of 216-Z-2 crib
- Complete PFP Demolition Project
- Resume 324 Cleanup
- Complete Capsule Storage Area Construction
- Submit 100 BC Area Remedial Design/Remedial Action Work Plan for Regulatory Review
- Complete PUREX Removal Action Work Plan
- Complete 200 Area Sewer Construction
- Complete Fire Protection Infrastructure for Central Plateau Raw Water

RL TPA Milestones 2021 Status

PBS	Milestone Number	Title	Due Date	Status
RL-0030	M-015-112	Submit Draft B 200-IS-1 RFI/CMS/RI/FS Work Plan to Ecology with Schedule Dates	11/30/2020	In Abeyance
RL-0040	M-016-250F	Submit to ECY a 3-Year Rolling Prioritized Schedule to Implement Waste Site Removal Actions	3/31/2021	On Schedule
RL-0013	M-026-01AE	Submit Hanford Land Disposal Restrictions Summary Report (for 2020)	4/30/2021	On Schedule
RL-0030	M-024-58N	Initiate Discussions of Well Commitments	6/1/2021	On Schedule
RL-0013	M-091-03O	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2021	On Schedule
RL-0030	M-024-72-T01	Conclude Discussions of Well Commitments Initiated Under M-024-58	8/1/2021	On Schedule
RL-0030	M-015-97	Submit to Ecology the 100-OL-1 Operable Unit Feasibility Study Report	8/31/2021	On Schedule
RL-0040	M-016-257	Complete CS/NFA for All Waste Sites as Identified in CCF M-16-20-01 in FY2021	9/30/2021	On Schedule
RL-0041	M-016-85A	Complete Remote Excavation of 300-296 Waste Site	9/30/2021	At Risk
RL-0041	M-016-86	Complete Remedial Actions for 618-11 Burial Ground in accordance with DOE/RL-2014-13-ADD1	9/30/2021	At Risk
RL-0030	M-085-90	Submit Remedial Investigation/Feasibility Study Work Plan for 200-CR-1 to EPA	9/30/2021	In Abeyance
RL-0013	M-091-52-T02	Submit to Ecology, an Interim Response Action to Resume Waste Retrieval	9/30/2021	On Schedule
RL-0041	M-093-27-T01	Initiate Earthwork for Construction of the 105-KE Safe Storage Enclosure	9/30/2021	At Risk

ORP Budget Profile

(\$ in Thousands)

PBS	PBS Title	FY 2021 Enacted
ORP-0014	Radioactive Liquid Tank Waste Stabilization and Disposition	784,000
Tank Farms		784,000
ORP-0060	LBL/Direct-Feed LAW	786,000
ORP-0060	High-Level Waste Facility	25,000
Waste Treatment and Immobilization Plant (WTP)		811,000
ORP-0070	WTP Commissioning	50,000
Total	Office of River Protection Funding Summary	1,645,000

Office of River Protection (\$1,645M)

- Complete construction of Waste Treatment Plant (WTP) facilities for Direct-Feed Low-Activity Waste (DFLAW)
- Achieve WTP Analytical Laboratory ready to operate milestone
- Complete Low-Activity Waste facility handover to Plant Management
- Progress High-Level Waste (HLW) Design:
 - Complete 60% Design Review of Four Systems
 - Complete 90% Design Review of Four Additional Systems
- Transition all WTP Lab, LAW and Balance of Facilities systems to commissioning (excluding EMF)

Office of River Protection (\$1,645M)

- Complete Effluent Management Facility (EMF) Turnover to Startup
- Complete Tank Side Cesium Removal (TSCR) Readiness to Operate
- Complete Effluent Treatment Facility upgrades to meet DFLAW requirements
- Complete Construction of TX Farm Surface Barriers
- Complete Tank AX-104 Retrieval to the limits of two technologies

ORP TPA Milestones 2021 Status

PBS	Milestone Number	Title	Due Date	Status
ORP-0060	D-00A-07	LAW Facility Construction Substantially Complete	12/31/2020*	Amendment Proposed
ORP-0060	M-062-01AP	Submit Semi-Annual Project Compliance Report to Ecology	1/31/2021	On Schedule
ORP-0014	M-062-33-T01	Complete Construction of Supplemental Treatment Vitrification Facility and/or WTP Enhancements	4/30/2021	Dispute Resolution
ORP-0014	M-062-45-A	Complete Negotiations 6-Months After Last Issuance of System Plan	4/30/2021	On Schedule
ORP-0014	D-16B-03	Of the 12 SSTs Referred to in B-1 and B-2, Complete Retrieval of Tank Wastes in at Least 5	6/30/2021*	Amendment Proposed
ORP-0060	M-062-01AQ	Submit Semi-Annual Project Compliance Report to Ecology	7/31/2021	On Schedule
ORP-0014	M-045-91E4	Provide SST Farms Dome Deflection Surveys Every 2 Years to Ecology	9/30/2021	On Schedule
ORP-0014	M-045-97	Submit to Ecology a WMA Integration Study for WMA A/AX as a Primary Document	9/30/2021	On Schedule

*On December 10, 2020, an Order Modifying Amended Consent Decree Between US DOE and State of Washington provided an extension for milestones A-7 and B-3, calculated as follows: 1 additional day for each day that elapses between 3/23/2020, and the date immediately prior to the date upon which DOE commences Phase 2 of remobilization at Hanford, plus an additional three-quarters of a day for each day that elapses between the date upon which DOE commences Phase 2 and the date immediately prior to the date upon which DOE commences Phase 3 of remobilization at Hanford.

Questions?

List of Attendees
Budget Overview for Fiscal Year 2021

(Tri-Party Agreement Commitment 149.F)

February 10, 2021

<u>Name</u>	<u>Organization</u>
Bowen, David	Ecology
Brasher, Stephanie	HMIS
Buel, Richard	DOE
Buelow, Laura	EPA
Coronado, Mark	DOE
Davis, Scott	HMIS
Einan, Dave	EPA
Fletcher, Tom	DOE
French, Mark	DOE
Hamel, Bill	DOE
Higgins, Kathy	DOE
Menard, Nina	Ecology
Noyes, Delmar	DOE
Price, John	Ecology
Riddle, Jacob	DOE
Temple, John	Ecology
Teynor, Tom	DOE
Turner, Michael	HMIS
Valverde, Gaybrielle	DOE
Welsch, Kim	Ecology